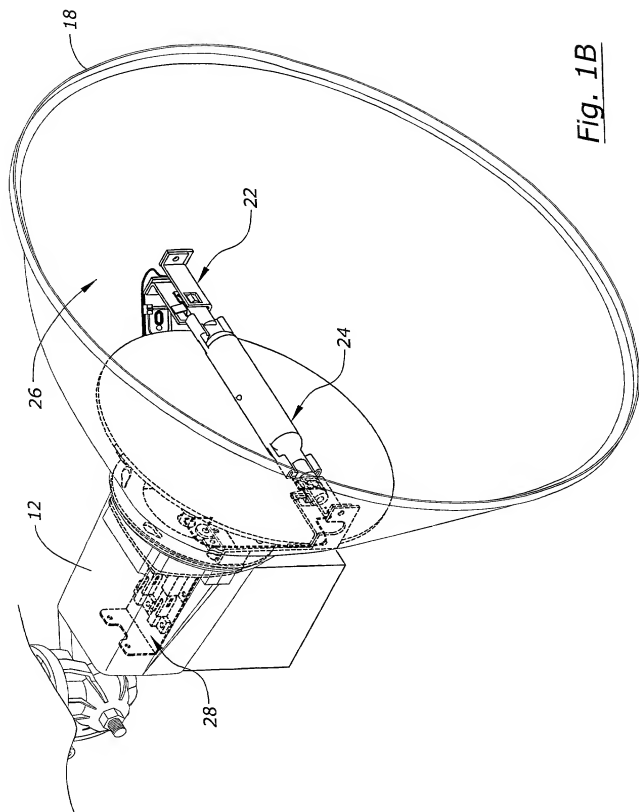
FIG. 1A

Fig. 1B



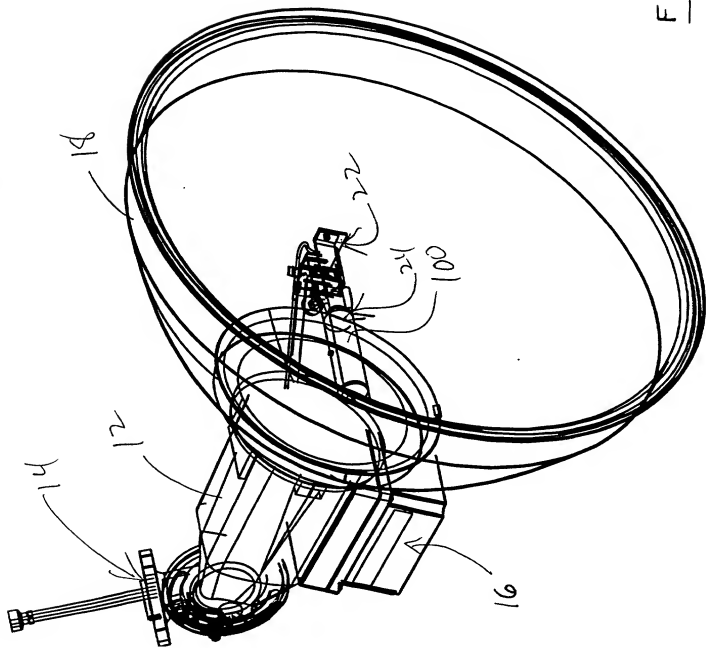
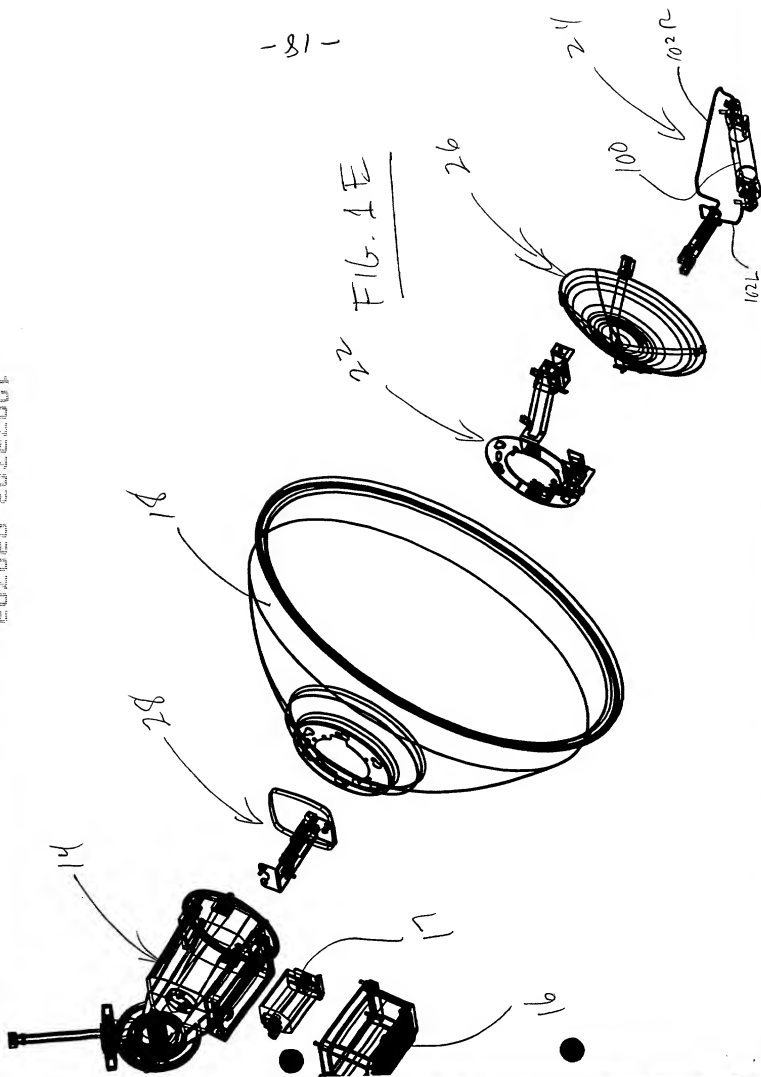
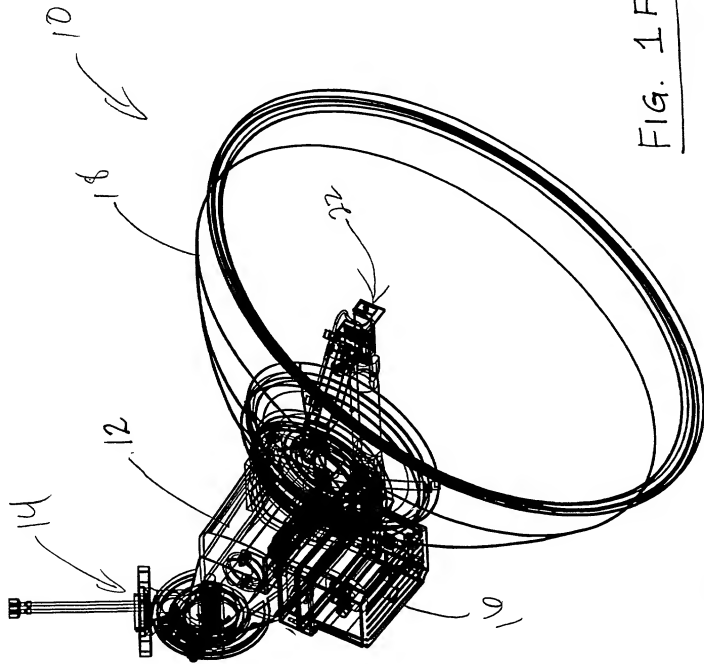
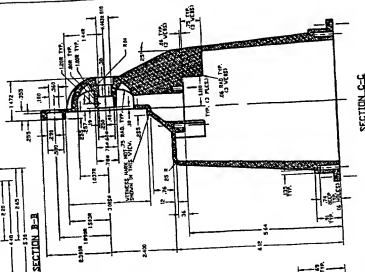
FIG. 1D

FIG. 1E







## SECTION C-C

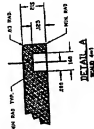


FIG. 2A

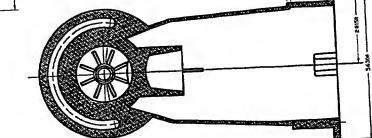


### SECTION E-3

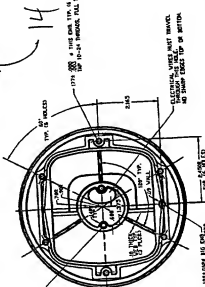
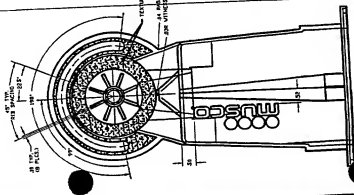
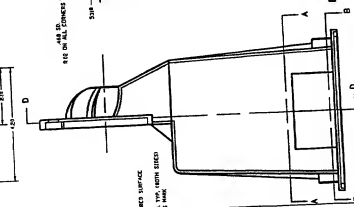
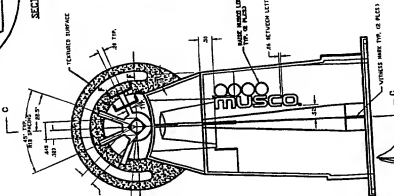


## SECTION E-E

SEE:  
1. 01 BOUND BUCKS WERE NOT ON GRASS 20' (100)  
2. 01 BOUND BUCKS WERE NOT ON GRASS 20' (100)



## SECTION D-D



346-6 THIS DRG TYP. 12 HOLES  
24 R 43' DIAMETER TYP. 12 HOLES  
TAP 8-28 THREADS, FULL THREADS, 40 HCP

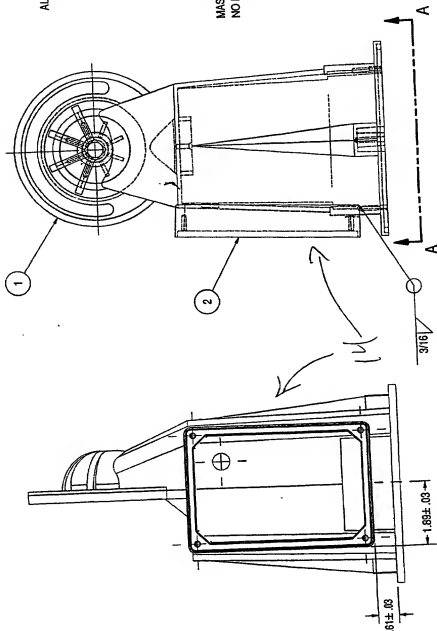
ELECTRICAL WIRES MUST TRAVEL THROUGH THIS HOLE, NO SHARP EDGES TOP OR BOTTOM

10072703.020700T

PAR

BILL OF MATERIALS PER UNIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PK Lampcase	
2	1	Ignitor Box 2K	



ALL HOLES MUST BE CLEAN  
AND FREE OF OIL

Ø(1.573)  
MASK THIS AREA  
NO PAINT INSIDE

View A-A

CONTROLLED COPY

FIG. 2B

NOTE:  
1. ALL WELDING PER MILSCO PS-1148.

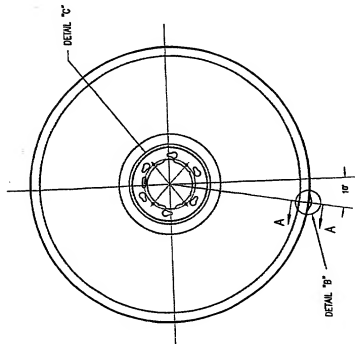
For assembly, inspection, and test, the manufacturer must follow the instructions in this drawing. The manufacturer must follow the instructions in this drawing. The manufacturer must follow the instructions in this drawing.



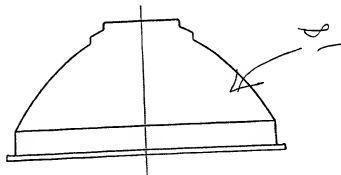
FORM 1-1 1/12  
ANALYST: JPM  
DATE: 1/1/12  
REVISION: 1  
APPROVED: JPM

TITLE: Lampcase Weldment - 2K

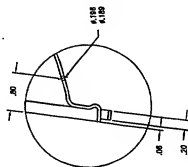




2. 7/1/30

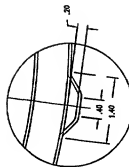


DETAIL "B"



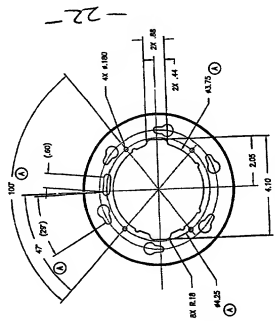
SECTION A-A

**N.T.S.**



DETAIL "B"

N.T.S.



## DETAIL C

SCALE: 2X

NOTE: REMOVE ALL BURRS, BREAK ALL EDGES AND SHARP CORNERS .01 INCH.

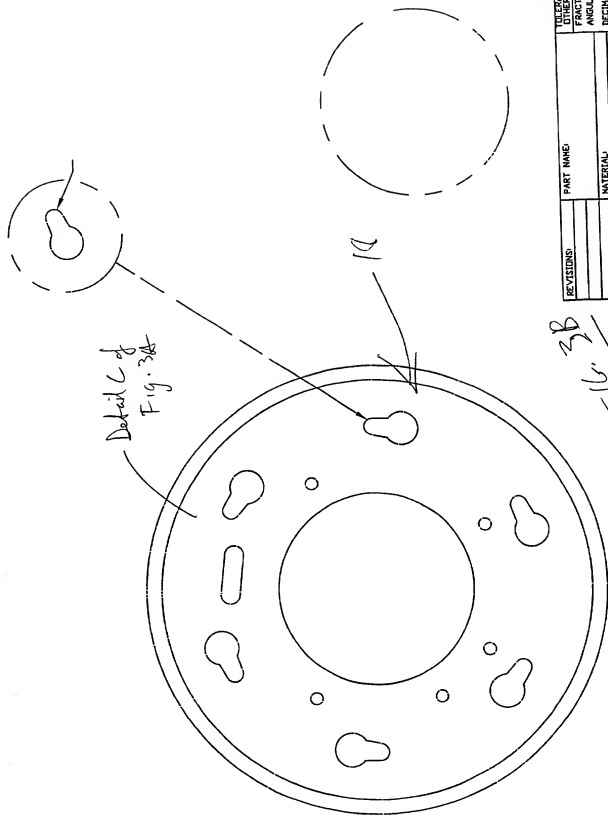
**NOTE:**

MANUFACTURED BY: MORGENTHAU, N. 82781  
COMPANY OFFICE: CHALGLOVA, N. 82777  
MATERIAL: REFLECTOR NEMA 28  
WISCO P/N: RA-100-28  
FINISH: NONE  
TITLE: REFLECTOR - 2K  
NEMA 28

[illegible]

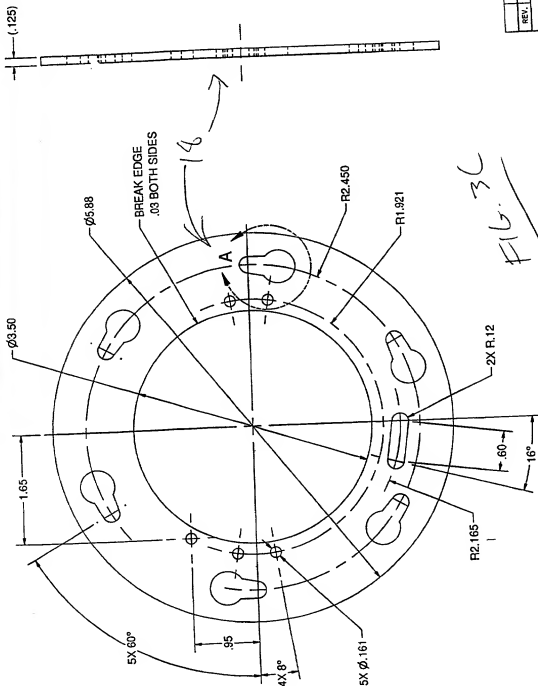
—The following are the names of the persons who have been appointed to the various positions in the various departments of the Government of the State of New York, for the year 1890.

2022-03-07



202020-502200F

PART NO. LS-3430-1



- NOTE:
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
  2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.
  3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

6X Detail A  
Scale 2 : 1

REV.	DESCRIPTION	DRAWN	DATE	CHK
1	MANUFACTURING NEGATIVE (A-8210)			
2	MANUFACTURING NEGATIVE (A-8210)			
3	MANUFACTURING NEGATIVE (A-8210)			
4	MANUFACTURING NEGATIVE (A-8210)			
5	MANUFACTURING NEGATIVE (A-8210)			
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95	MANUFACTURING NEGATIVE (A-8210)			
96	MANUFACTURING NEGATIVE (A-8210)			
97	MANUFACTURING NEGATIVE (A-8210)			
98	MANUFACTURING NEGATIVE (A-8210)			
99	MANUFACTURING NEGATIVE (A-8210)			
100	MANUFACTURING NEGATIVE (A-8210)			

TOLERANCES  
FRACTIONAL  
DECIMALS  
ANGLES SPECIFIED  
UNLESS OTHERWISE  
NOTED

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

FIG. 3C

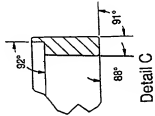
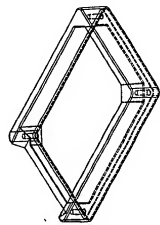
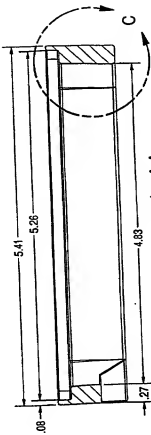
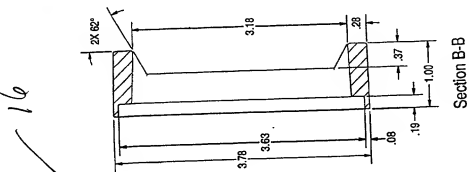
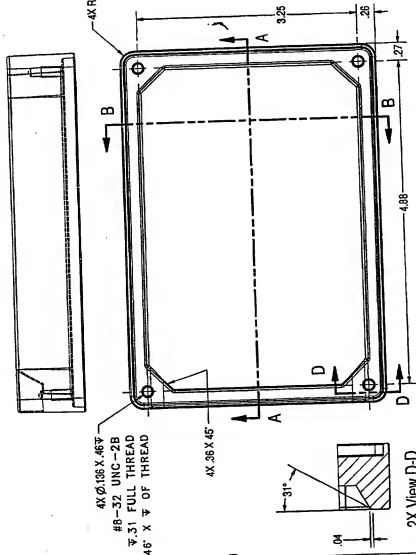
FIG. 3C

FIG. 3C

FIG. 3C

202020' E0222001

PART NO. US-3510-1



NOTE:

1. ALL FILLETS AND RADI .02 UNLESS NOTED OTHERWISE.
2. REMOVE ALL BURRS, BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
3. DRAFT ANGLE APPLIES ALL AROUND FEATURE AS SHOWN IN DETAIL "C".

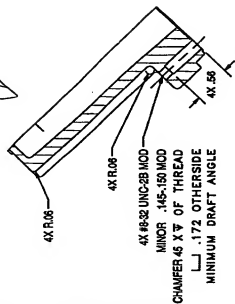
THE REVISIONS ARE INDICATED BY THE NUMBER IN THE APPROPRIATE COLUMN OF THIS TABLE. THE REVISIONS ARE INDICATED BY THE NUMBER IN THE APPROPRIATE COLUMN OF THIS TABLE. THE REVISIONS ARE INDICATED BY THE NUMBER IN THE APPROPRIATE COLUMN OF THIS TABLE.

MANUFACTURING NEGATIVE 11 1796  
CORPORATE OFFICE  
MATERIAL: ALUMINUM TYPE 360  
FINISH: NONE  
TITLE: Ignitor Box 2K

FIG. 4/1

- NOTE:
1. ALL FILLETS AND RADIUS UNLESS NOTED OTHERWISE.
  2. REMOVE ALL BURRS. BREAK ALL SHARP CORNERS .01 MIN.
  3. DRAFT ANGLE IS 2° UNLESS NOTED OTHERWISE.

16



Section D-D

MANUFACTURED BY: <b>MOORE</b> COMPANY: <b>MOORE</b> ADDRESS: <b>MOORE, A. 12177</b>	
MATERIAL: <b>ALUMINUM TYPE 360</b>	
FINISH: <b>POWDER COAT PEARL</b> <b>GRAY MUSCO # MS-100</b>	
TITLE: <b>Ignitor Lid 2K</b>	
TOLERANCES: FRACTIONAL DECIMALS ANGLES IN DEGREES	
UNLESS OTHERWISE SPECIFIED	
AMERICAN SOCIETY OF MECHANICAL ENGINEERS 1100 F STREET, N.W. WASHINGTON, D.C. 20004	

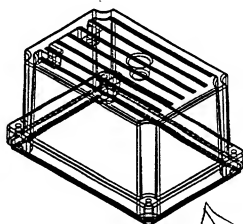


FIG. 4C

SCALE: 1/2

1/6

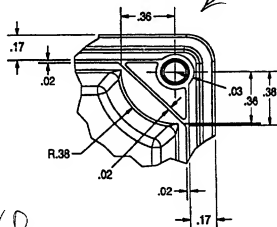


FIG. 4D

4X Detail C  
Scale 2:1

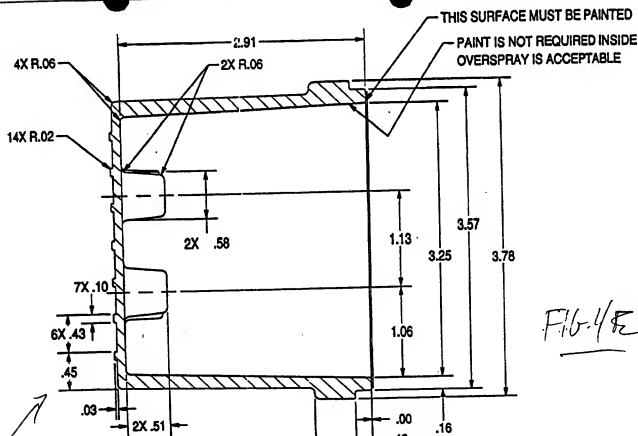


FIG. 4E

Section A-A

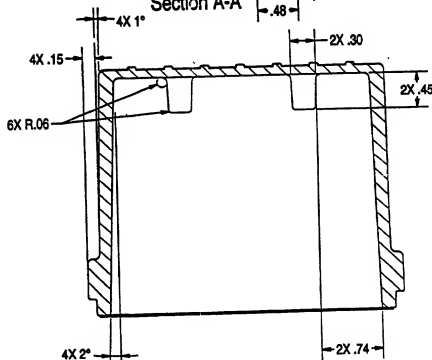


FIG. 4F

Section B-B

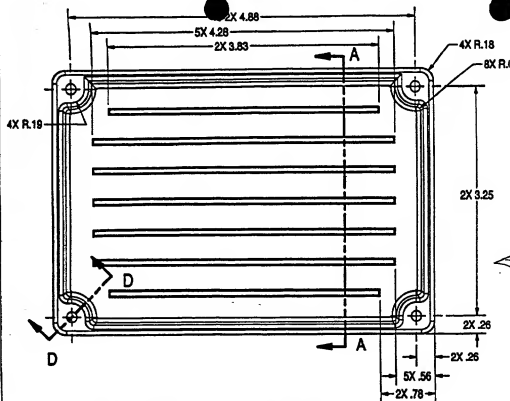


FIG. 4G

← 16

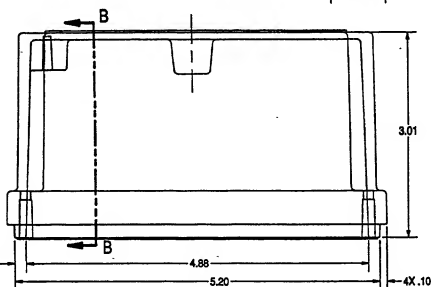


FIG. 4H

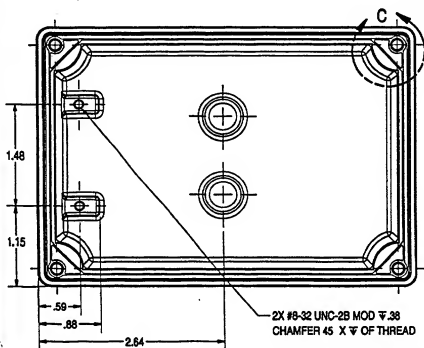


FIG. 4I



10072703.020702

OF MATERIALS PER UNIT			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	999-MT120	2K Lamp with Coating - Sylvania
2	2	LS-3425-1	2k Lamp Connector
3	2	LS-3500-1	Lamp Spring Clamp - 2K
4	2	Hdw-1087-1	Screw 6-32 x 3/16" lg button head
5	2	Hdw-1089-1	Locknut 6-32
6	2	Mt-920	Connector socket
7	2	LS-3479-1	Lamp lead sleeving

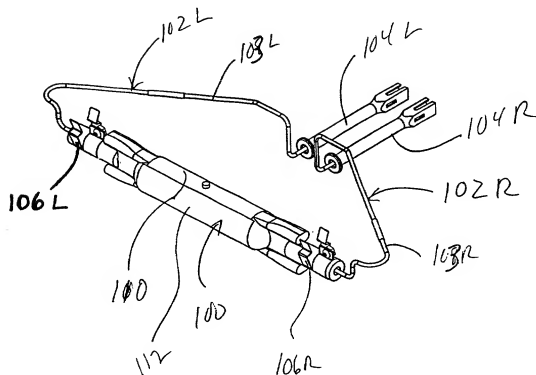


Fig. 5A

10072703,020702

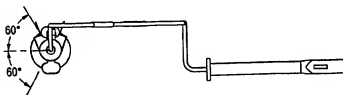
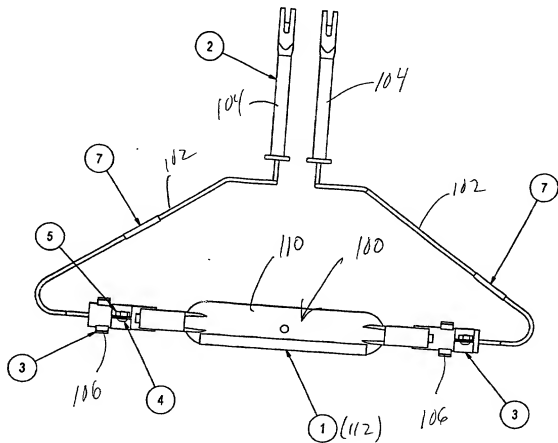
PART NO.  
Ls-3406-1COATING MUST BE CENTERED  $\pm 5^\circ$  WHEN LAMP IS PLACED INTO LAMP HOLDERS

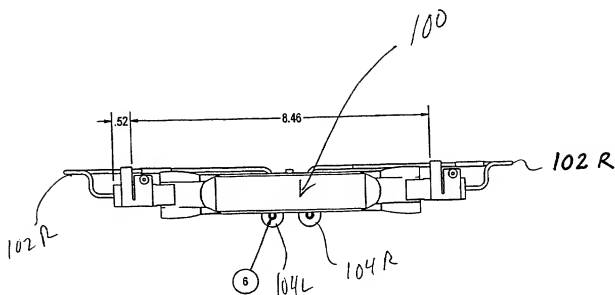
FIG. 5B

REV.	DESCRIPTION	DRWN	DATE	CH
		MANUFACTURING, MUSCATINE, IA 52584 CORPORATE OFFICE, OSAGEOLA, IA, 52577		
TOLERANCES:		MATERIAL: SEE ABOVE		
.XX ± .01		FINISH: NONE		
.XXX ± .005		TITLE: Lamp Assembly - 2K		
PRACT. 41/42		PART NO.		
ANGLES 45°		Ls-3406-1		
UNLESS SPECIFIED		CAD FILE # Ls-3406-1.dwg		
DIMENSIONS IN INCHES				

THE TECHNICAL INFORMATION PROVIDED IN THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF MISCO LIGHTING, INC. AND ANY REPRODUCTION OR THE SAME OR USE OF THE INFORMATION FOR ANYTHING OTHER THAN AS SPECIFIED HEREIN IS TO THIS PROJECT WITHOUT THE WRITTEN PERMISSION OF MISCO LIGHTING, INC. IS PROHIBITED.



FIG 5C

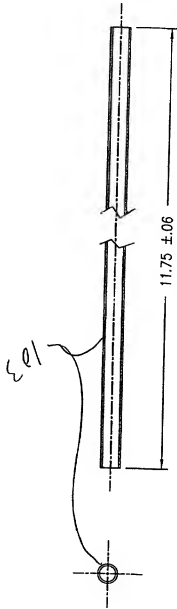


NOTE:

1. DO NOT TOUCH WITH BARE FINGERS. HANDLE LAMP W/ WHITE COTTON GLOVES.
2. LAMP CAN BE CLEANED WITH DISTILLED WATER OR ALCOHOL. DRY LAMP CAREFULLY WITH COTTON OR CLEAN CLOTH

FIG. 5D

202020-8022001

PART NO.  
LS-3479-1


11.75 ± .06

## NOTE:

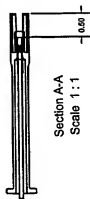
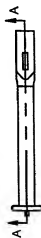
1. MATERIAL: HILEC INC. FIBERGLASS SLEEVING 710C #9.
2. COLOR: WHITE

FIG. 5E

-34-

		MANUFACTURING: MUSCATINE, IA 52761 CORPORATE OFFICE: OSKALOOSA, IA 52577 MATERIAL: SEE NOTE	
TOLERANCES: .XX ± .01 .XXX ± .005 FRACT: ± 1/32 ANGLES: ± 1° UNLESS SPECIFIED DIMENSIONS IN INCHES		FINISH: NONE SCALE: 2=1 PART NO. A LS-3479-1	
THE TECHNICAL INFORMATION PROVIDED ON THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF HILEC INC. AND IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HILEC INC.		TITLE: SLEEVING- LAMP LEADS	
3RD ANGLE PROJECTION ANS Y14.5-1984		00 FILE # LS-3479-1	





Section A-A  
Scale 1:1

Fig. 56

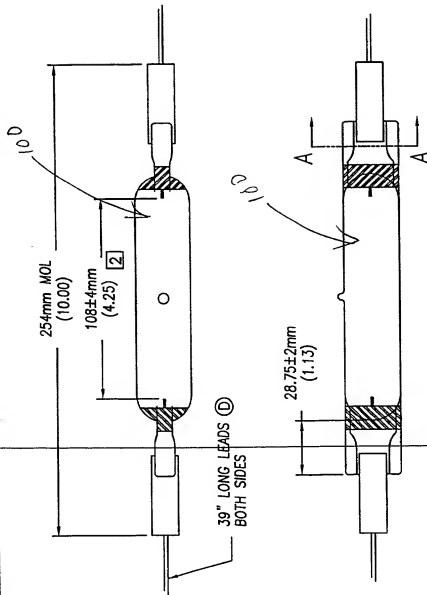
hal

ISSN	1192-0280
Key/Ac	
RECORDS	
A	TITLE
PQ	
PRINCEP	
DATE	1976 MAR 10
C	2k patent connector
Source	1 of 1





202020\*E022001

PART NO.  
MT-010

## SECTION A-A



## NOTE:

1. DIMENSIONS IN ( ) ARE INCHES.
2. DIMENSION IS THE ARC LENGTH.
3. SYLVANIA LAMP NUMBER M2000T9/DE

	D	MANUFACTURING: MUSCATINE, IA. 52761
	D	CORPORATE OFFICE: OSKALOOSA, IA. 52577
	C	MATERIAL: SEE NOTE
	E	FINISH: NONE
TOLERANCES: XX ±.01 XXX ±.005 FRACT: ±1/32 ANGLES: ±1° UNLESS SPECIFIED DIMENSIONS IN INCHES	A	TITLE: SYLVANIA 2K LAMP
3RD ANGLE PROJECTION AND TITLE-1004	PART NO. MT-010	

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C00 RE # AT-010.D



202020" E022001

PART NO.  
LS-3401-1

BILL OF MATERIALS PER UNIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	LS-340B-1	Parahoid Spring Clamp Assembly - 2K
2	1	LS-3430-1	Reinforcing Ring - 2K
3	1	LS-3432-1	Lamp Bracket Left - 2K
4	1	LS-3434-1	Lamp Bracket Right - 2K
5	1	LS-3438-1	Lampholder - Left
6	1	LS-3438-1	Lampholder - Right
7	4	LS-3440-1	Wire Clip - 2K
8	6	Idow-1088-1	Pop rivet 3/32" dia.

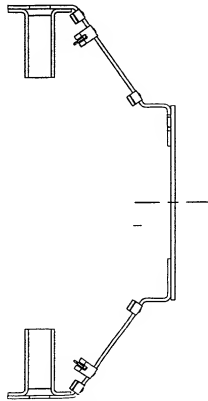
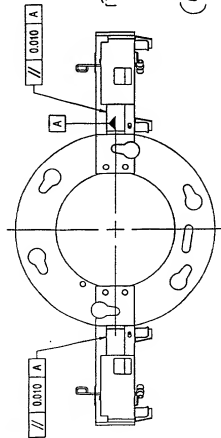
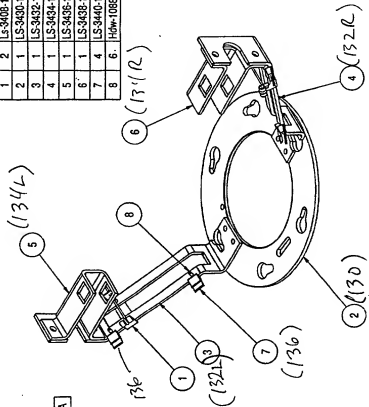


Fig. 6A

REV.	DESCRIPTION	DRWN.	DATE	CHK.
1	MANUFACTURING: PISCATAWAY, NJ 07051 CORPORATE OFFICE: ORLANDO, FL 32817			
	MATERIAL: SEE ABOVE			
	FINISH: NONE			
	TITLE: Lampholder Assembly - 2K			
	PART NO.			
	LS-3401-1			

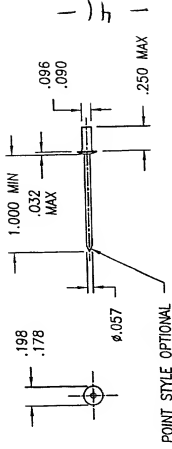
 THE DIMENSIONS AND TOLERANCES SHOWN ARE THE PRESENTED AS SHOWN UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.	 DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
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CAD FILE: LS-3401-1.dwg

202020\*E022001

PART NO.  
HDW-1088-1MATERIAL SPECIFICATIONS

1. NAME: DOME HEAD BLIND RIVET
2. MATERIAL: ALUMINUM BODY, ALUMINUM MANDREL
3. SIZE: RIVET #41 (3/32 NOM.)
4. GRIP RANGE: .020"- .125"
5. RECOMMENDED HOLE SIZE: .097"- .100"
6. RECOMMENDED DRILL SIZE: #41
7. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.



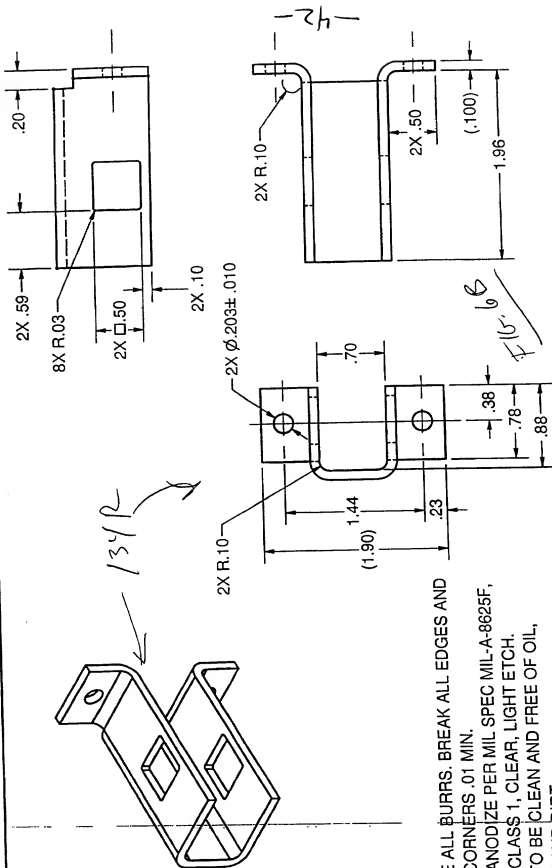
F. 16. 6A-2

NOTE:  
1. FASTENER SHALL COMPLY WITH INDUSTRIAL FASTENER INSTITUTE STANDARDS.

	MANUFACTURING: MUSCATINE, IA 52761		SCALE: 1"=1"
	CORPORATE OFFICE: OSKALOUSA, IA 52377		
MATERIAL: SEE ABOVE		PART NO.	
FINISH: SEE ABOVE		TITLE: BLIND RIVET DOME	
TOLERANCES: XX ±.01 XXX ±.005		HEAD #41 (3/32" NOM) UNLESS SPECIFIED DIMENSIONS IN INCHES	
		PART NO. HDW-1088-1 QTY FILE # 407-1088-1	



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**PART NO.**  
**LS-3438-1**



NOTE:  
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.

2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.
3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

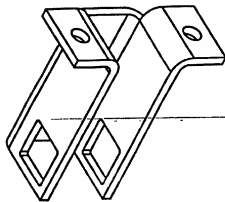
GREASE AND DIRT.										MANUFACTURING: MUSCATINE, IA 52761 DATE: _____ CORPORATE OFFICE: OSKALOOSA, IA. 52577 MATERIAL: .100 THK ALUMINUM FINISH: SEE NOTES SCALE: 1=1 PART NO. _____ TITLE: Lampholder - Right LS-3438-1 CAD FILE #: LS-3438-1.dwg									
										TOLERANCES: XX .005 .XXX .005 PRACT: .0152 ANGLES: 3° UNLESS SPECIFIED DIMENSIONS IN INCHES									
DRWN DATE CHKD APVD ECN										 THIRD ANGLE PROJECTION ANSI Y14.5-1994									
REV. DESCRIPTION										THE TECHNICAL INFORMATION FURNISHED ON THIS DRAWING IS THE PROPERTY OF MISCO LIGHTING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MISCO LIGHTING, INC. IS FORBIDDEN.									

CADEN E #: L8-3438-1.ipd

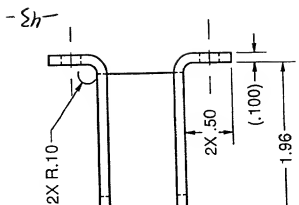
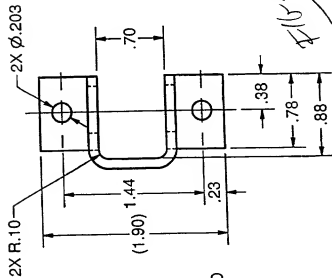
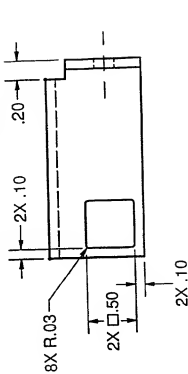
10072703-020703

PART NO.

LS-3436-1





7h31



**NOTE:**

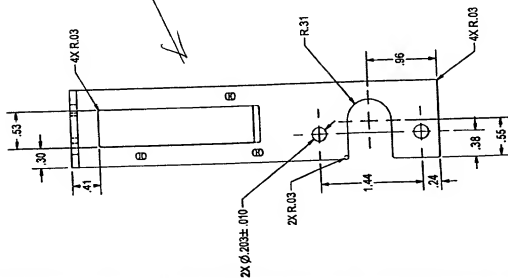
- NOTE:
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
  2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.
  3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

REV.	DESCRIPTION	DRWN	DATE	CHKD	AP'D	ECN	 <b>mmp</b> <i>Manufacturing</i> <i>Products</i>		MANUFACTURING: MUSCATINE, IA 52761 CORPORATE OFFICE: OSKAHOUSA, IA, 52577 CHK: _____ APP'D: _____ SCALE: 1=1 PART NO. _____ TITLE: Lampholder - Left	DRW DATI CHK APP'D SCALE PART NO.
							TOLERANCES: XX .10 XXX .005		FRAGLES: 1/32 ANGLE: 45°	
							 HOLE DIMENSION ANSIV44-1984		DIMENSIONS IN INCHES	
THE TECHNICAL INFORMATION PROVIDED ON THIS DRAWING IS THE SOLE PROPERTY OF MUSCO. NO PART OF THIS DRAWING OR THE INFORMATION ON IT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF MUSCO. VIOLATION OF THIS NOTICE IS A CRIMINAL OFFENSE UNDER FEDERAL AND STATE LAWS. MUSCO ENTERPRISE, INC. IS PROHIBITED.										CAD FILE # : L3-3436-1.DR L3-3436-1

- 44 -

PART NO.  
LS-3497-1

202020:2022200F



REV.	DESCRIPTION	DATE	CHKD
1	MANUFACTURING: HUSCARTING, 14 1/2 IN CORPORATE OFFICE: CHALCO, MO. 63017	10/1/77	DA
2	MATERIAL: 100 THK ALUMINUM		DA
3	FINISH: 5052-H32		DA
4	SEE NOTES		DA
TITLE: LAMP BRACKET LEFT - 1		PART NO.	LS-3497-1
2K		SCALE	1=1
CUTTING LIST		APPROV.	



THE DIMENSIONAL INFORMATION ON THIS DRAWING IS THE PROPERTY OF HUSCARTING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM HUSCARTING, INC.



Fig. 6A

1. REMOVE ALL BURRS, BREAK ALL EDGES AND SHARP CORNERS .01 MIN.

2 ALL FILLETS AND RADIII .03 UNLESS NOTED OTHERWISE

3. FINISH ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.

4. ANGLE TOLERANCE:  $\pm 1/2^\circ$

5. PARTS TO BE CLEAN AND FREE OF OIL GREASE AND DIRT.



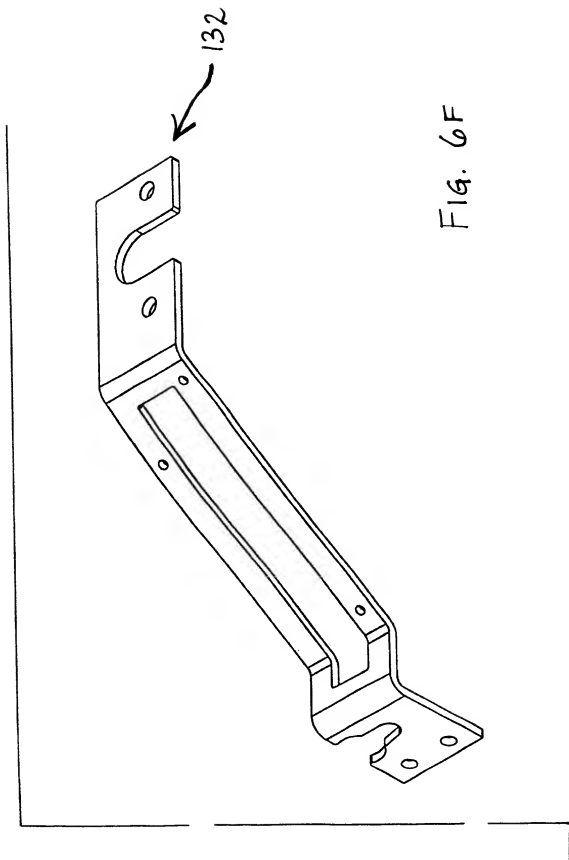
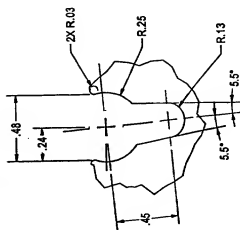


FIG. 6F

-47-



Detail A  
Scale 2:1

Fig. 66

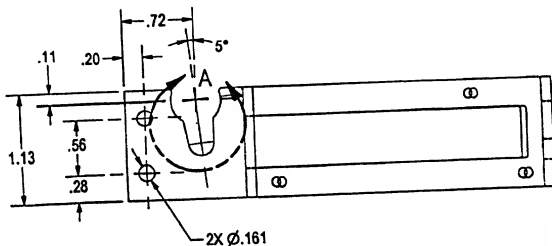


FIG. 6H

132

10072703.020702

PART NO.  
LS-3498-1

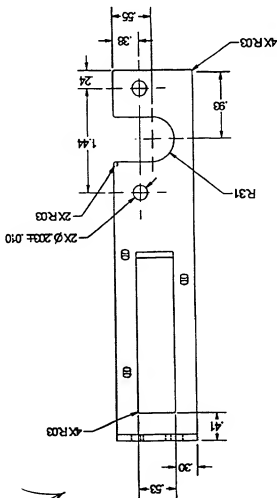
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.

REV	DESCRIPTION	DRAWN	DATE	CHK
<b>MANUFACTURING INFORMATION</b> MANUFACTURING OFFICE: ORLANDO, FL 32817 MATERIAL: 100 THK ALUMINUM FINISH: 5052-H32 SEE NOTES SCALE: 1=1 PART NO. C TITLE: Lamp Bracket Right - 2K L.S-3498-1 CAD FILE # LS-3498-1.M				

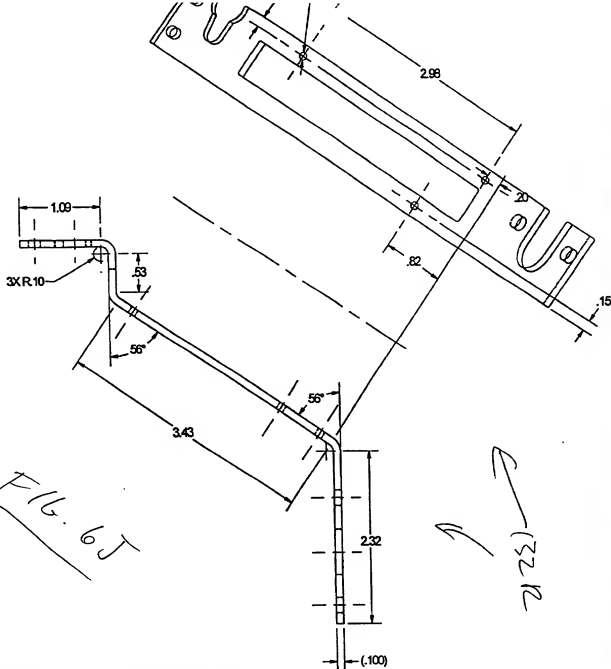
1. This drawing is the property of the company and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the company.

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F 16.1



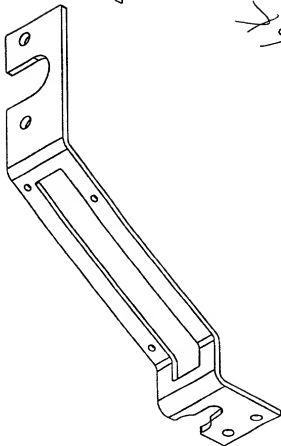
NOTE

1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
2. ALL FILLETS AND RADII .03 UNLESS NOTED OTHERWISE.
3. FINISH AND OILIZE PER MIL SPEC ML-A-862F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.
4. ANGLE TOLERANCE  $\pm 1/2$
5. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

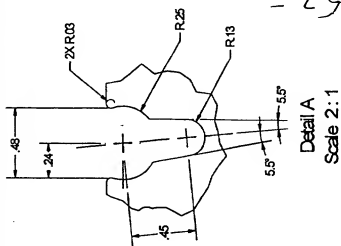
-15-

← 132R

FIG. 6K



10072703.020702



132R →

7/13.79

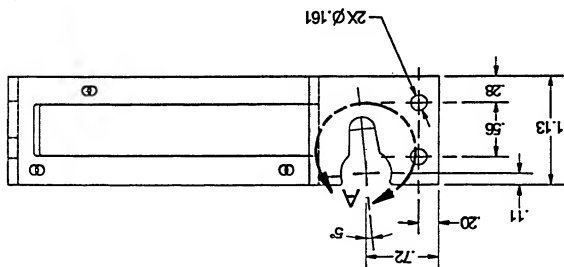


FIG. 6 M

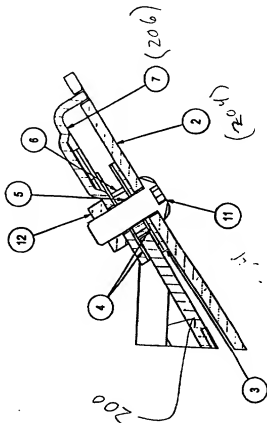
132 R

-53-



207020\*5022700T

PART NO.  
LS-3402-1



Section A-A  
Scale 2:1

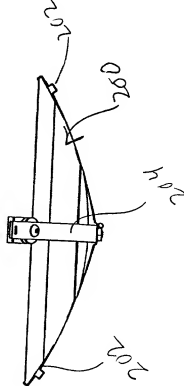
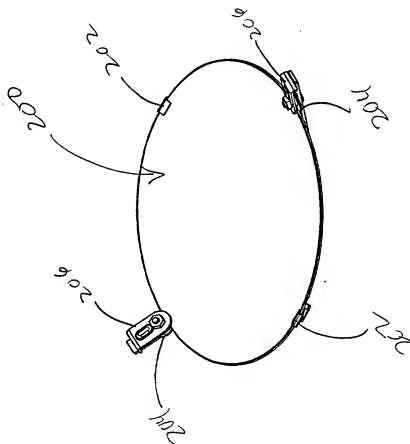


FIG. 7A

RELEASE	NAT	DRIN
<p>MANUFACTURING: NEGATIVE 14 8741 CORPORATE OFFICE: CHALLOUA, LA, 1917</p>		
<p>MATERIAL: SEE ABOVE</p>		
<p>FINISH: NONE</p>		
<p>TITLE: Parabolid Assembly</p>		
<p>PART NO. LS-3402-1</p>		
<p>SCALE: 1/2"</p>		
<p>UNLESS SPECIFIED OTHERWISE IN DETAIL</p>		
<p>NOT TO SCALE</p>		
<p>THE DRAWING IS TO BE USED AS THE BASIS FOR THE CONSTRUCTION OF THE PARTS. THE DRAWING IS THE PROPERTY OF THE DRAWING OFFICE AND IS NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE DRAWING OFFICE.</p>		

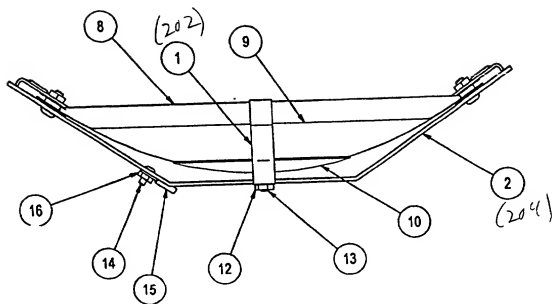
CONFIDENTIAL

BILL OF MATERIALS PER UNIT			DESCRIPTION
ITEM	QTY	PART NUMBER	
1	1	LS-3412-1	Vertical bracket/extension assembly
2	1	LS-3460-1	Parabold Horizontal Bracket - 2K
3	2	LS-3464-1	Steel Washer - 2K
4	4	LS-3466-1	Teflon Washer - 2K
5	2	LS-3468-1	Steel Bushing - 2K
6	2	LS-3470-1	Teflon Bushing - 2K
7	2	LS-3474-1	Parabold Clamp - 2K
8	1	LS-4000-1	Parabold Reflector - 2K
9	1	LS-3472-1	8" Ceramic Blanket
10	1	LS-3476-1	4" Ceramic Blanket
11	2	Hdw-1019	Screw 10-24 x 1/2" lg button head
12	3	Hdw-1003	Locknut 10-24
13	1	Hdw-1048	Screw 10-24 x 1 1/4" lg button head
14	1	Hdw-1066-1	Screw 6-32 x 3/8" lg button head
15	1	LS-3478-1	Retaining Cable
16	1	Hdw-1089-1	Locknut 6-32



-55-

7/6/19

FIG. 7C

## NOTE:

1. NO FINGER PRINTS OR FOREIGN MATTER ON MIRROR. USE WHITE COTTON GLOVES WHEN ASSEMBLING.
2. DO NOT ATTEMPT TO CLEAN MIRROR.

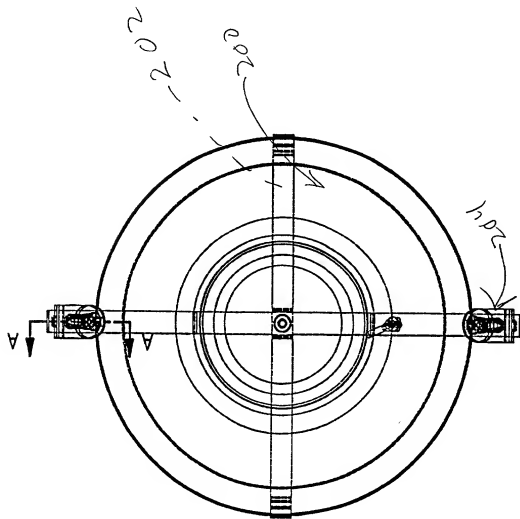
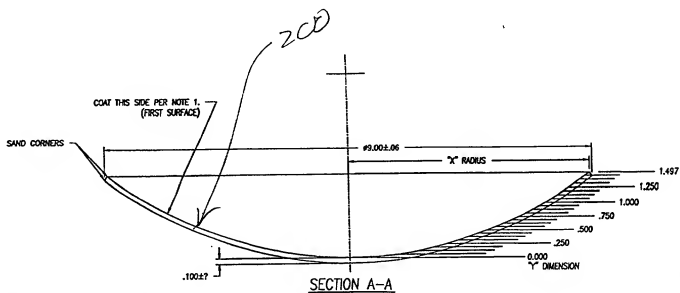


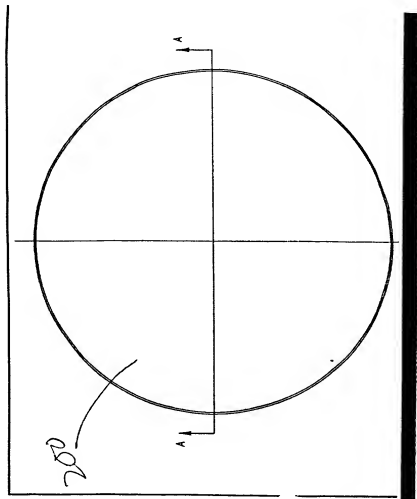
Fig. 7D



- NOTE:
1. COATING: DICHROIC GOLD COATING WITH A REFLECTANCE OF >94% FROM 430-880 NM.
  2. CURVATURE IS A 3-5/16" FOCAL LENGTH PARABOLA.

FIG. 7E

FIG. 7 F



10072703-020702

FIG. 76

"X" RAD	"Y" DIM
.911	.063
1.287	.125
1.576	.188
1.820	.250
2.035	.313
2.229	.375
2.408	.438
2.574	.500
2.730	.563
2.878	.625
3.018	.688
3.152	.750
3.281	.813
3.405	.875
3.524	.938
3.640	1.000
3.752	1.063
3.861	1.125
3.967	1.188
4.070	1.250
4.170	1.313
4.268	1.375
4.364	1.438
4.453	1.497

PART NO. 1  
LS-4000-1

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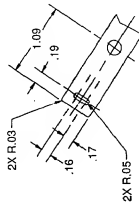
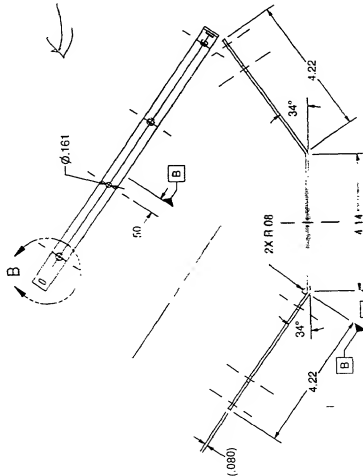
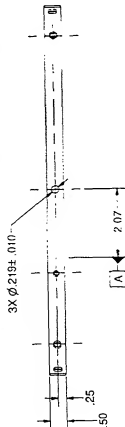


--- RELEASE		MLK
REV. DESCRIPTION		OWN
Q100 M1000 M1000		MANUFACTURING: MUSCATINE, IA 52781 CORPORATE OFFICE: OSWALDOSIA, IA 52577
TOLERANCES: X .01 Y .005		MATERIAL: GLASS
FINISH: SEE ABOVE		SCALE: 1"=1"
PART: 3-5/16 ANGLE: 3:1		PART NO.
UNLESS SPECIFIED DIMENSIONS IN INCHES		LS-4000-1
TITLE: PARABLOID 3-5/16 COATED FIRST SURFACE		

OR FILE P 13-400-1

202020" 20/22/2001

PART NO LS-3460-1

2X Detail B  
Scale 1:1

F16-7H

REV	DESCRIPTION	DRWN	DATE	C
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- NOTE:
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
  2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F.
  3. TYPE II, CLASS I, CLEAR, LIGHT ETCH.
  4. ANGLE TOLERANCE: ± 1/2°
  5. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT



THE DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING ARE TO BE INTERPRETED AS FOLLOWS: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO BE IN INCHES AND DECIMALS THEREOF. ALL DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE OR THE CENTER OF THE PIN. ALL DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE OR THE CENTER OF THE PIN. ALL DIMENSIONS ARE TO BE TO THE CENTER OF THE HOLE OR THE CENTER OF THE PIN.

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98	REVISION			
99	REVISION			
100	REVISION			

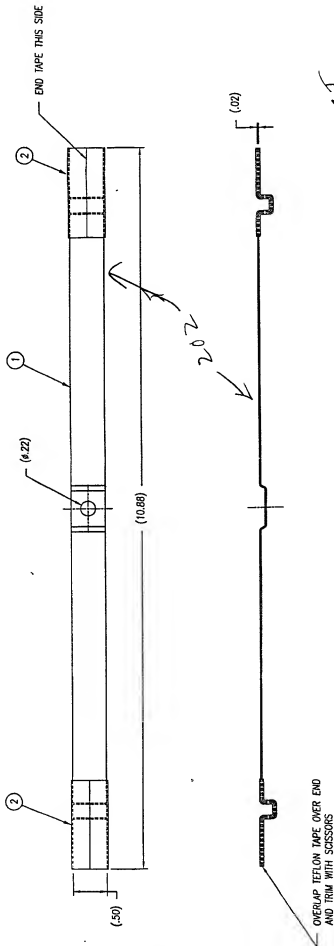
COPY 1 OF 13-2000-10



PART NO.  
LS-3412-1

BILL OF MATERIALS PER UNIT

ITEM QTY	DESCRIPTION	PART
1	PARALLEL VERTICAL BRACKET	LS-3462-1
2	TEFLON TAPE (2 X 3")	LS-3463-1



-29-

FIG. 7I

NOTE:  
1. TOTAL QUANTITY OF TAPE (ITEM 2) SHOWN IN THE BILL OF MATERIAL IS USED 3" ON EACH END.

REL. DESCRIPTION	RELEASE
------------------	---------

MANUFACTURED BY: MORGAN, A. 32781  
CITY: NEW BRUNSWICK, N.J. 08901

MATERIAL SEE ABOVE

TOLERANCES:	FINISH:
XX $\pm .01$	NONE
XXX $\pm .005$	
XXXX $\pm .002$	
ANGLES: .1"	

UNLESS SPECIFIED OTHERWISE, ALL DIMENSIONS ARE IN INCHES	SCALE: 1"=1
--	-------------

ITEM NO.	1
----------	---

ITEM NO.	1
----------	---

ITEM NO.	1
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ITEM NO.	1
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ITEM NO.	1
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ITEM NO.	1
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ITEM NO.	1
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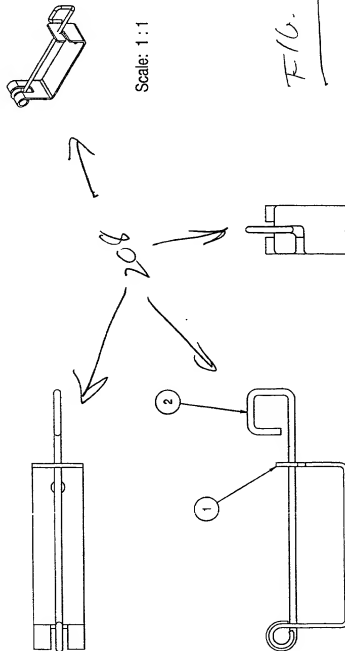


202020" E02200T

PART NO.  
LS-3408-1

## BILL OF MATERIALS PER UNIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	LS-3450-1	Paraboid Spring Clamp - 2K
2	1	LS-3452-1	Paraboid Spring Clamp Wire - 2K



- 99 -

REV.	DESCRIPTION	DRAWN	DATE	CHK
1	MANUFACTURING MODIFICATION IN 12761 CORPORATE OFFICE QUALCORA IN 12277			
MATERIAL - SEE ABOVE				
FINISH NONE				
TOLERANCES FRACTIONAL .0152 DECIMAL .005 ANGLES SPECIFIED DIMENSIONS IN INCHES				



The tolerance and inspection method for this feature is the International Organization of Standardization (ISO) 1101. The tolerance and inspection method for this feature is the International Organization of Standardization (ISO) 1101. The tolerance and inspection method for this feature is the International Organization of Standardization (ISO) 1101.

TITLE: Paraboid Spring Clamp Assembly - 2K

PART NO.  
LS-3408-1

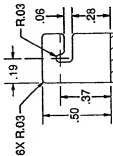
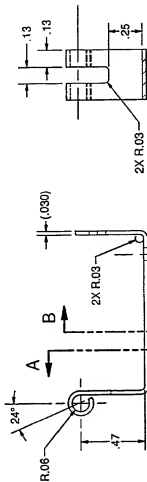
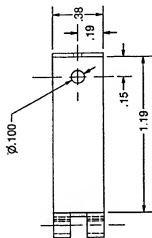
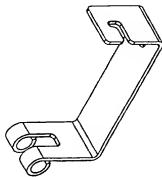
SCALE  
2=1

APPD

UNCLD

CAD FILE: LS-3408-1.dwg

PART NO.  
LS-3450-1



Section A-A

Section B-B

NOTE:

1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETC.
3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

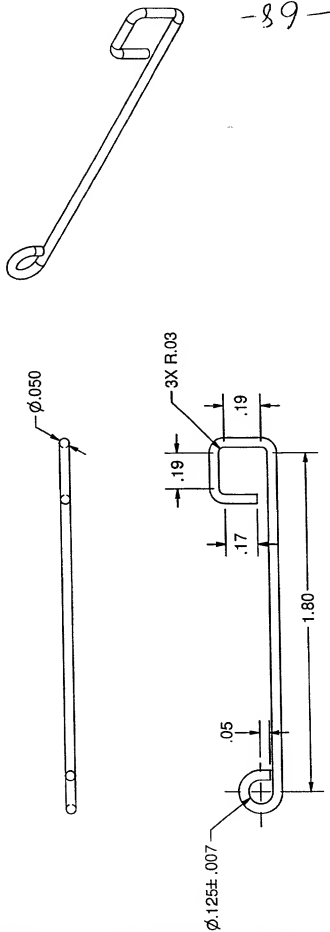
[illegible]

ANSI X1.1-1974  
FIRST ANGLE PROJECTION

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CAD FILE # 1434501.vd

**PART NO.**  
**LS-3452-1**



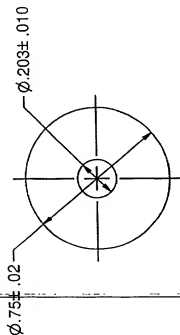
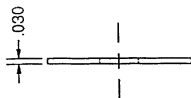
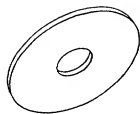
NOTE:  
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.  
2. PASSIVATE PER ASTM A380.

[illegible]

CAD FILE #, L3-3452-1.1P1


LS-3464-1

- 59 -



GREASE AND DIRT.

F16.78

REV	DESCRIPTION	DRWN	DATE	CHKD	APVD	ECN		MANUFACTURING: MUSCATINE, IA 52761 CORPORATE OFFICE: OSKALOOSA, IA 52577 MATERIAL: STAINLESS STEEL FINISH: SEE NOTES TITLE: Steel Washer - 2K	DRWN DATE CHKD APVD SCALE PART NO. LS-3464-1
							<div>TOLERANCES: .XX ±.01 .XXX ±.005 FRACTION: #/32 ANGLES: 2° SHARP CORNERS STANDARD PRODUCTION ANSI Y14.5-1994</div>		

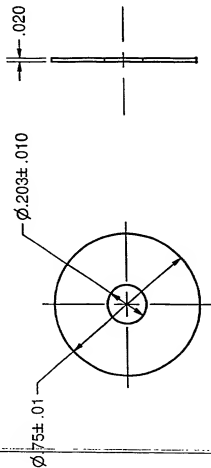


02/07/2003 17:02

PART NO.

LS-3466-1

- 02 -

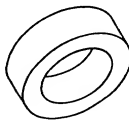
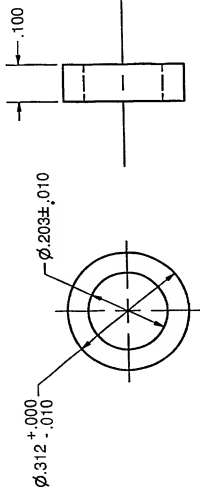


**NOTE:**

- NOTE:  
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.

[illegible]


207020'5022200T

PART NO.  
LS-3468-1

- 71 -

## NOTE:

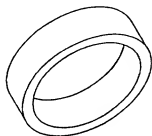
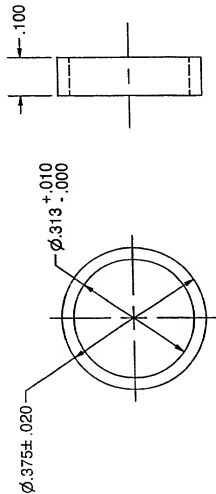
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
2. PASSIVATE PER ASTM A380.
3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

REV.	DESCRIPTION	DRWN	DATE	CHKD	APVD	ECN			TOLERANCES: .XX ± .01 .XXX ± .005 FRACT: 2/102 ANGLES: # UNLESS SPECIFIED DIMENSIONS IN INCHES
							MANUFACTURING: MISCOATING, A-52761 CORPORATE OFFICE: GUNALOSA, GA 30257		DRAWN: DATE: CHKD: APPVD: SCALE: 4=1
							MATERIAL: STAINLESS STEEL		PART NO. LS-3468-1
							FINISH: SEE NOTES		TITLE: Steel Bushing - 2K
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CADD FILE # LS-3468-1.cad

H07023 = DNDN

PART NO.  
LS-3470-1



-72-

F16. 7.5

**NOTE:**  
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.

[illegible]

207020\*E022001

PART NO.  
HDW-1019MATERIAL SPECIFICATIONS:

1. NAME: SOCKET HEAD CAP SCREW-BUTTON HEAD
2. MATERIAL: 18-8 STAINLESS STEEL
3. SIZE: #10-24 UNC-2A X .50" LONG
4. FINISH: PASSIVATE PER ASTM A380  
EMPIGARO PER MUSCO MS-1005

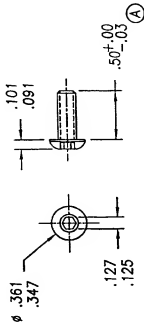


FIG. 7-7

## NOTE:

1. FASTENER SHALL COMPLY WITH INDUSTRIAL FASTENER INSTITUTE STANDARDS.
2. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT. (A)



## TOLERANCES:

.XX ±.01  
.XXX ±.005

FRACT: ±1/32

ANGLES: ±1°

UNLESS SPECIFIED  
DIMENSIONS IN INCHES  
ANSI Y14.5-1984

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DI	MANUFACTURING: MUSCATINE, IA 52761
DI	CORPORATE OFFICE: OSKALOOSA, IA 52577
CI	MATERIAL: SEE ABOVE
FI	FINISH: NONE
SL	

PART NO.	HDW-1019
TITLE: CAP SCREW SOCKET	#10-24 X .50" BTN HD

CDD FILE F-KW-1019



202020" 00222001

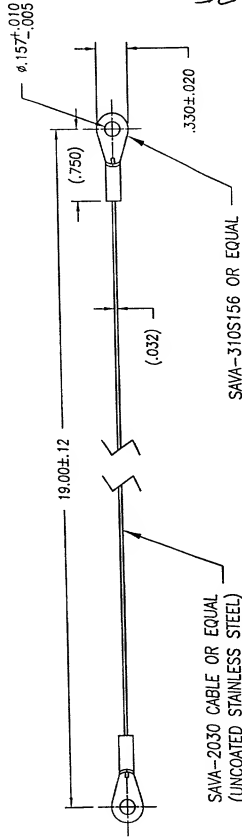

PART NO.  
LS-3478-1

FIG. 7-V

NOTE:  
1. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

	<p>MANUFACTURING: MUSCATINE, IA 52761 CORPORATE OFFICE: OSKALOOSA, IA 52577</p>
<p>ALTERNANCES: OK ±.01 OK ±.005</p>	<p>MATERIAL: SEE ABOVE</p>
<p>FINISH: SCALE: 1=1</p>	<p>APPROVED:</p>
<p>360 ANGLE PROJECTION ANS Y14.5-1984</p>	<p>360 ANGLE PROJECTION ANS Y14.5-1984</p>
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<p>PART NO. LS-3478-1</p>	<p>QAO FILE # LS-3478-1</p>

PART NO.  
HDW-1089-1MATERIAL SPECIFICATIONS:

1. NAME: LOCKNUT, TOPLOCK DEFORMED THREAD
2. MATERIAL: 18-8 STAINLESS STEEL
3. SIZE: #6-32
4. FINISH: PASSIVATE PER ASTM A380.

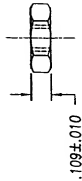
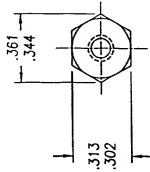


FIG. 7W

- NOTE:
1. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

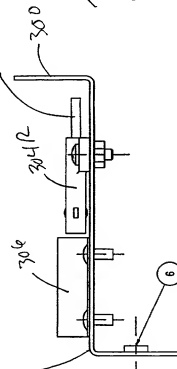
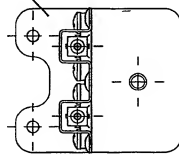
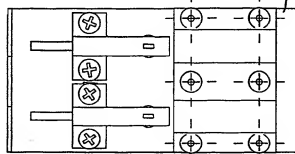
		MANUFACTURING: MUSCATINE, IA 52761 CORPORATE OFFICE: OSKALOOSA, IA 52577		D1
		MATERIAL: SEE ABOVE		D2
TOLERANCES: XX ±.01 XXX ±.005		FINISH: SEE ABOVE		C
FRAGT ±.1/32 ANGLES ±.1°		SCALE: 2=1		D3
3D ANGLE PROJECTION ANSI Y14.5-1984		TITLE: LOCKNUT, TOPLOCK DEFORMED THREAD - #6-32		A
USE FOR INFORMATION ONLY Lighting, Inc. and reproduce this drawing without permission of Hansen Lighting, Inc. is prohibited.		PART NO.		HDW-1089-1
				CO FILE # 108-108-1

202020" 20222001

PART NO.  
LS-3405-1

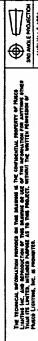
## BILL OF MATERIALS PER UNIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	LS-16810k-11	Wire Assembly Black Pin/Shp 11"
2	1	LS-16810k-11	Wire Assembly White Pin/Shp 11"
3	1	LS-3490-1	Connector Bracket - 2K
4	2	LS-3420-1	CONNECTOR HOUSING
5	1	LS-3492-1	Connector Guide - 2K
6	1	LS-255	Pcm nut 10-24
7	6	Hdw-1052	Pop rivet 5/32" dia.
8	4	Hdw-1022	Screw 6-32 x 1/2 pan head
9	4	Hdw-1015	Locknut 8-32



## NOTE:

1. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.
2. TORQUE ITEM 9 TO 71 INCH POUNDS.



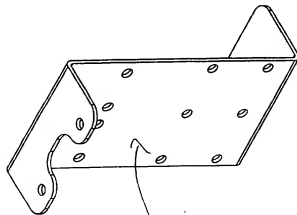
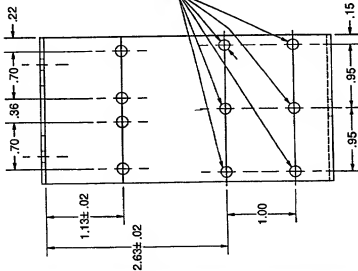
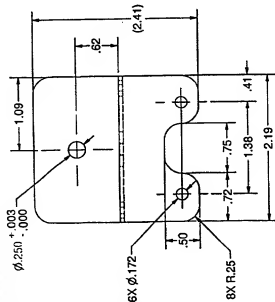
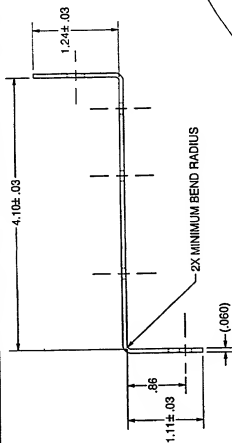
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REV.	DESCRIPTION	DRWN.	DATE	CHK.
1	INITIALS AND SIGNATURE OF THE DESIGNER COMPOSITE OFFICE 1954-1000-1-1037			
MATERIAL: SEE ABOVE				
FINISH: NONE				
TITLE: Connector Assembly - 2K				
PART NO. LS-3405-1				
SCALE: 1=1				
CUT FILE # LS-3405-1-100				

Handicapped  
connector assembly



202020-2022001

PART NO.  
LS-3490-1

300  
FIG. 8B

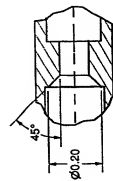
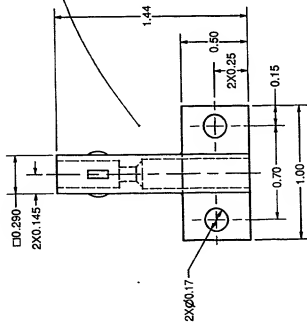
- NOTE:
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.
  2. FINISH: ANODIZE PER MIL SPEC MIL-A-8625F, TYPE II, CLASS 1, CLEAR, LIGHT ETCH.
  3. PARTS TO BE CLEAN AND FREE OF OIL, GREASE AND DIRT.

REV.	DESCRIPTION	DATE	DATE
1	MANUFACTURING INSTRUCTION IN 827H	DA	DA
2	CORPORATE OFFICE OKALOSSA IN 827H	CHG	APPD
MATERIAL: .000 THK ALUMINUM		SCALE: 1=1	
FINISH: 5052-H32		TITLE: Connector Bracket - 2K	
TOLERANCES: .001 IN. & .001 IN. ANGLES: 1/2 IN. & 1/2 IN. DIMENSIONS IN INCHES		PART NO. LS-3490-1	
FRACT. #1/2		CONTRACT # 133001 W	
AND 1/2 IN. MIN.			



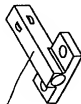
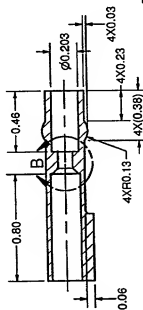
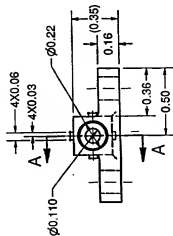
0207022

PART NO.  
LS-3420-1



Scale 1 : 1


Detail B  
Scale 4:1


$$\Delta_{\infty} \text{Fig.}$$


Section A-A  
Scale 2:1

**NOTE:**

- NOTE:  
1. REMOVE ALL BURRS. BREAK ALL EDGES AND SHARP CORNERS .01 MIN.  
2. ALL FILLETS AND RADI .03 UNLESS NOTED OTHERWISE.

REV	DESCRIPTION	DATE	BY
	 TOXENANCE X15A ± 0.01 X15A ± 0.05 FRACT 1/32 ANGLES 3° UNITS: INCHES ANGLES: DEGREES	02/24/01	
	MATERIAL: STANVYL TW300/TW341 FINISH: NONE		
	TITLE: 2K Fixture Connector		A

ANSI V14.5-1984  
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—CAPITAL G. 19, 34, 35, 100

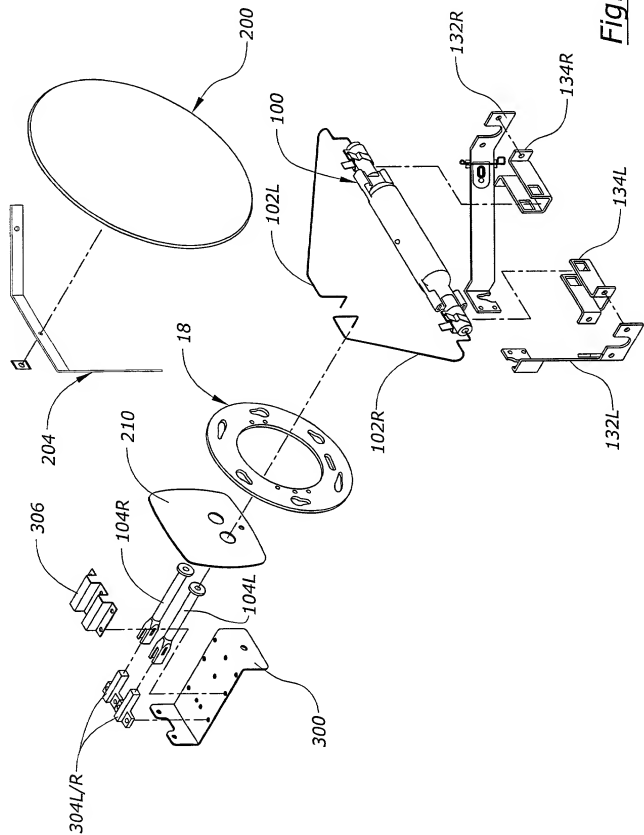
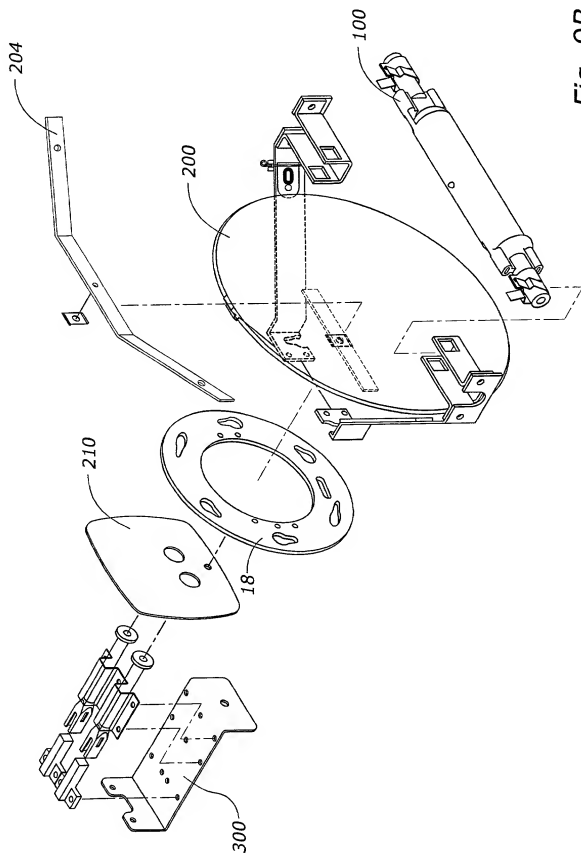


Fig. 9A

Fig. 9B

